

Abstract

The present invention relates to a condenser microphone whose body can be miniaturized while keeping a property and a sound quality comparable to those of a conventional condenser microphone. The condenser microphone includes a cylindrical body, a plurality of vibration plates which are formed into the shapes of squares and placed in parallel to a body axis line within the body, acoustic holes formed on a body side wall in a direction vertical to the vibration plates and back pole plates which are placed on a side opposite to the acoustic holes with the vibration plate between and face on the respective vibration plates at an interval of a micro gap. A potential of the back pole plate is varied according to a vibration of the vibration plate.